

DP-309105/DELP-45

LITHIUM POLYMER BATTERY CELL**ABSTRACT OF THE DISCLOSURE**

A lithium polymer battery cell configured with at least one anode and at least one cathode, each including a current collector, one of which is a metal foil and the other of which is a metal grid. The cell may be a unicell, bicell, multicell or a multibicell. In one example, the cell may include one or more anodes having a copper grid current collector and one or more cathodes having an aluminum foil current collector, and in another example, the cell may include one or more anodes having a copper foil current collector and one or more cathodes having an aluminum grid current collector.